

# Converting Colors

Hex(15ABA6)

Have a look what the booklet for  
Hex(15ABA6) contains.

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# Color

Hex(15ABA6)

# Conversions

## Conversions Part 1

Format	Color
Hex	15ABA6
RGB	21, 171, 166
RGB Percent	8%, 67%, 65%
CMY	0.9176, 0.3294, 0.3490
CMYK	0.88, 0.00, 0.03, 0.33
HSL	178°, 78%, 38%
HSV	178°, 88%, 67%
XYZ	21.7551, 32.0384, 41.1138
YIQ	125.5800, -87.7950, -33.3550

# Conversions

## Conversions Part 2

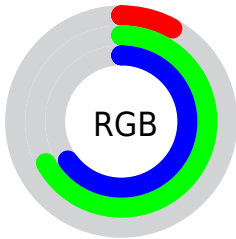
Format	Color
<a href="#">RYB</a>	<a href="#">21, 97, 171</a>
Decimal	<a href="#">1420198</a>
CIELab	<a href="#">63.37, -36.28, -7.70</a>
CIELCh	<a href="#">63, 37.089, 191.989</a>
Yxy	<a href="#">32.0384, 0.2292, 0.3376</a>
Android (android.graphics.Color)	<a href="#">4279610278</a> (0xFF15ABA6)
YUV	<a href="#">125.5800, 19.9271, -91.7167</a>
Hunter-Lab	<a href="#">56.6025, -30.4481, -3.4442</a>

# Details

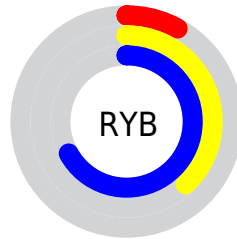
The Hex color **15ABA6** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AB151A**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **65E3DD**, and **007672** is the 20% darker color. If you saturate the color by 10%, you get **04ABA5**, and if you desaturate by 10%, it is **26ABA7**.

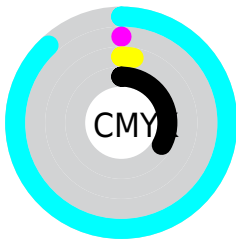
# Distribution



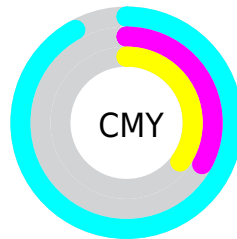
- Red (8%)
- Green (67%)
- Blue (65%)



- Red (8%)
- Yellow (38%)
- Blue (67%)



- Cyan (88%)
- Magenta (0%)
- Yellow (3%)
- Black (33%)



- Cyan (92%)
- Magenta (33%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 15ABA6 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 15ABA6 by changing the saturation by 10% instead.



15ABA6

15ABA6

FFFFFF

00908C

65E3DD

007672

83FFFA

005D5A

A2FFFF

004442

C0FFFF

002D2C

DEFFFF

001518

FCFFFF

000000

15ABA6

15ABA6

04ABA5

26ABA7

■ 00ABA5

■ 37ABA7

■ 48ABA8

■ 59ABA8

■ 6BABA9

■ 7CABA9

■ 8DABAA

■ 9EABAB

■ AFABAB

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



53A984



15ABA6



00A9C5

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15ABA6



AE8CCB



C0915B

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



15ABA6



AB151A

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



D4866F



15ABA6



CD82AF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15ABA6



7E98DA



D97F8D



A29C58

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15ABA6



27A5D3



D97F8D



C88D60



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



15ABA6



A4DEDC



1AAB15



4D706F



F0F0F0



707070

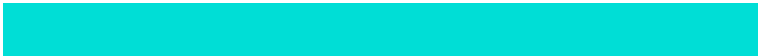


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15ABA6



00DED6



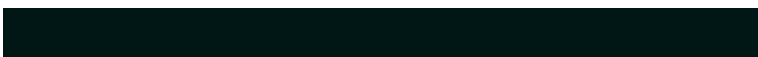
1565AB



4E5756



009691



001716



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



AB151A



DE0007



AB5B15



574E4E



960005

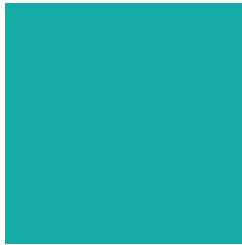


170001



# Previews

## White Background



This preview shows how the Hex color 15ABA6 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 15ABA6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

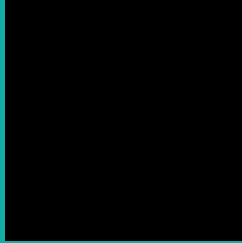
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

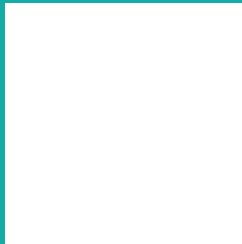
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 15ABA6 Background



This preview shows how black text looks on a background with the Hex color 15ABA6.

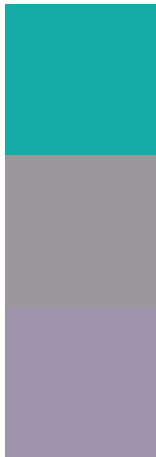


This preview shows how white text looks on a background with the Hex color 15ABA6.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

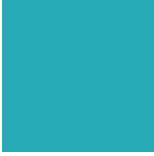
## Dichromacy



**Original Color**  
15ABA6

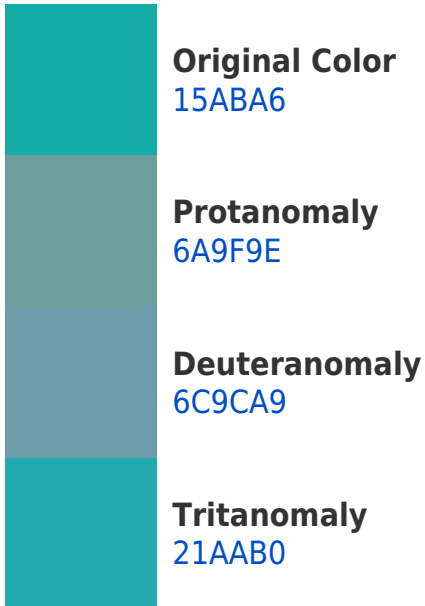
**Protanopia**  
9A989A

**Deuteranopia**  
9E94AB



**Tritanopia**  
28A9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 15ABA6 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #15ABA6 looks like.

```
.text, #text, p{  
    color:#15ABA6  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #15ABA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15ABA6  
}
```

## Border

The CSS property to change the border of an element to Hex 15ABA6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#15ABA6 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#15ABA6 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #15ABA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15ABA6; -webkit-box-shadow:4px 4px  
4px 4px #15ABA6; box-shadow:4px 4px 4px  
4px #15ABA6 }
```

# Background

The CSS property to change the background color of an element to Hex 15ABA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15ABA6 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#15ABA6 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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